

## ABSTRACT OF THE DISCLOSURE

In a roadside-to-vehicle communication system for providing a mobile station with application service by utilizing roadside-to-vehicle communication implemented between the mobile station that travels on a road and a base station system installed on the road, it is an object of the present invention to provide non-network-type communication protocols having means that can implement diverse application services even when the mobile station is moving.

A roadside-to-vehicle communication system according to the present invention includes transfer service processing entities for providing means to implement data transfer among a plurality of applications and transaction management entities that has undelivered data resending means, data sending/receiving means for each of messages, and message segmenting/assembling means and that provides unidirectional data transmission and request-response-type transaction services.